

Claim Status

Claims 1, 9, and 17 have been rewritten. Claims 1-23 remain in the application.

REMARKS/ARGUMENTS

Claims 1-3, 9-11, and 17-19 were rejected under 35 USC 102(e) over Beach et al (US 2004/0072588), hereinafter Beach.

The present invention, as claimed, allows a mobile station to operate in a power save mode when engaged in a streaming, real-time communication activity, such as a voice call while further allowing the mobile station to control the flow of other data not related to the streaming data. This is facilitated by the establishment of a reserved buffer at the access point which is maintained separately from other data not related to the streaming data, and is further facilitated by allowing the mobile station to wake up, and obtain only data from the stream and then go back to sleep, regardless of any data in a general buffer for the mobile station at the access point. The mobile station controls the flow of this reserved data by waking up and transmitting a polling frame identifying the stream. While the mobile station has been asleep (in low power mode), the access point may have received data relating to the reserved stream, which it buffers in the reserved buffer. Upon receiving the polling frame identifying the reserved stream, the access point transmits either the data in the reserved buffer, or a null frame to the mobile station. It is important to note that the mobile station is not receiving general data, but specifically allowing the mobile station to avoid receiving any data other than that of the reserved stream. Thus, the claimed method allows the mobile station to control the flow rate of other data not related to the reserved stream.

Beach shows a conventional power saving, mobile station poll-driven scheme. The mobile station goes to sleep, wakes up at a determined time, transmits a polling frame, receives

any data buffered at the access point for the mobile station, then goes back to sleep. The teaching of Beach do not allow for the granularity of flow control provided by Applicant's claimed invention. Beach does not set up a reserved buffer for a particular traffic stream, nor does Beach allow the mobile station to receive only the data in such a reserved buffer. Beach does not discuss or teach a reserved traffic stream.

Quite the contrary, as stated in paragraph 0023 discussing one of four alternative embodiments of Beach, upon receiving the polling signal, “[t]he polling signal causes the access point to transmit *any* accumulated packets 74, to the mobile unit” (emphasis added). In discussing a second alternate embodiment, Beach is even more clear in paragraph 0026, where it is taught that, upon sending an acknowledgement in response to the polling signal, the access point “thereafter transmits any audio receive packet *or other packet* that is destined to the mobile unit that has been buffered in the access point.” From these examples, it is clear that Beach does not contemplate establishing a separate reserved buffer for a particular traffic stream or maintaining the reserved traffic stream data separate from a general data buffer. The other two embodiments discussed by Beach follow the first two in handling data, and discuss messaging formats that are different from standardized messaging formats.

The Rejection contended in regard to claim 1 that Beach shows Applicant's limitation of establishing a reserved buffer at the access point in paragraph 0023, lines 9-11. Applicant finds only that the access point described by Beach has a conventional, general buffer. Beach does not differentiate between reserved and non-reserved, or multiple reserved traffic streams. Beach describes that the mobile unit may engage in a voice or audio communication, but does not discuss or show that such data is to be treated any differently from any other data type. The Rejection further contends that Beach shows Applicant's limitation that the polling frame

identifies the reserved traffic stream at 0023 lines 4-8. Beach only states that the mobile station transmits a polling signal. Applicant finds no mention of any identifier or identification of a particular data type. It is assumed that the identification is based on a conventional means of identifying the mobile unit, such as by IP address or MAC address. When this level of identification is used, as is conventional, only a general buffer scheme at the access point is facilitated.

Applicant has rewritten independent claims 1, 9, and 17 to clarify that the reserved buffer and the claimed polling frame allow the transmission of only the reserved data if any, or a null frame.

Claims 4, 5 12-14, 20, 22, and 23 were rejected under 35 USC 103(a) over Beach in view of Meier (US 2004/0184475).

Claims 7, 8, 15, and 16 were rejected under 35 USC 103(a) over Beach in view of Liu (US 2004/0190467).

The claims in these sections are all dependent claims depending from one of claims 1, 9, or 17, and in view of the facts and distinctions presented in regard to Beach Applicant presently regards these claims as allowable as depending from allowable claims.

No amendment has been made to narrow the scope of the claims unless so stated. The Applicants believe that the subject application, as amended, is in condition for allowance. Such action is earnestly solicited by the Applicants.

In the event that the Examiner deems the present application non-allowable, it is requested that the Examiner telephone the Applicant's attorney or agent at the number indicated

below so that the prosecution of the present case may be advanced by the clarification of any continuing rejection.

The Commissioner is hereby authorized to charge any fee due, or credit any overpayment, to Motorola, Inc., Deposit Account Number 50-2117.

Respectfully submitted,

Date: November 1, 2007

SEND CORRESPONDENCE TO:

Motorola, Inc.

Law Department – MD 1610

8000 W. Sunrise Blvd.

Plantation, FL 33322

Customer Number: 24,273

By: /Scott M. Garrett/
Scott M. Garrett

Attorney of Record

Reg. No.: 39,988

Tel: 954-723-6636 direct line

Tel: 954-723-6449 main line

Fax No.: 954-723-5599